

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043020\
 Data File : VN061201.D
 Acq On : 30 Apr 2020 14:58
 Operator : JC/MD
 Sample : VN0430WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/1/2020 10:54:21 AM

Quant Time: May 01 03:40:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	115850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	192395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	178789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85196	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	86920	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	7.54	113	58052	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.06	98	242649	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.38	95	88124	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	23693	19.286	ug/l	100
3) Chloromethane	2.03	50	32548	21.876	ug/l	98
4) Vinyl Chloride	2.16	62	30188	17.864	ug/l	96
5) Bromomethane	2.54	94	12423	14.872	ug/l	99
6) Chloroethane	2.67	64	17173	16.033	ug/l	100
7) Trichlorofluoromethane	2.98	101	38144	20.006	ug/l	98
8) Diethyl Ether	3.37	74	16711	21.013	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.71	101	24464	19.917	ug/l	99
10) Methyl Iodide	3.91	142	29208	18.503	ug/l	98
11) Tert butyl alcohol	4.73	59	24426	99.471	ug/l	99
12) 1,1-Dichloroethene	3.69	96	22973	18.795	ug/l	98
13) Acrolein	3.56	56	11464	70.056	ug/l	100
14) Allyl chloride	4.27	41	52290	23.072	ug/l	91
15) Acrylonitrile	4.92	53	76207	101.097	ug/l	98
16) Acetone	3.77	43	66613	90.434	ug/l	96
17) Carbon Disulfide	4.01	76	62723	18.577	ug/l	99
18) Methyl Acetate	4.27	43	42157	18.650	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	84712	18.137	ug/l	97
20) Methylene Chloride	4.50	84	27574	19.291	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	25801	19.385	ug/l	95
22) Diisopropyl ether	5.90	45	105394	20.054	ug/l	98
23) Vinyl Acetate	5.84	43	410339	96.968	ug/l	99
24) 1,1-Dichloroethane	5.79	63	53151	19.356	ug/l	99
25) 2-Butanone	6.78	43	101806	93.856	ug/l	100
26) 2,2-Dichloropropane	6.77	77	44334	19.168	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	28857	18.475	ug/l	97
28) Bromochloromethane	7.14	49	28124	21.609	ug/l	93
29) Tetrahydrofuran	7.16	42	71020	97.197	ug/l	96
30) Chloroform	7.32	83	49756	17.880	ug/l	100
31) Cyclohexane	7.61	56	50328	18.873	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	41967	17.319	ug/l	99
36) 1,1-Dichloropropene	7.75	75	37544	19.494	ug/l	100
37) Ethyl Acetate	6.88	43	44375	19.653	ug/l	99
38) Carbon Tetrachloride	7.73	117	30175	18.673	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	41260	19.103	ug/l	97
40) Benzene	8.00	78	113882	19.847	ug/l	99
41) Methacrylonitrile	7.12	41	21611	23.053	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	41542	19.111	ug/l	100
43) Isopropyl Acetate	8.12	43	70995	18.946	ug/l #	92
44) Trichloroethene	8.80	130	28175	18.164	ug/l	97
45) 1,2-Dichloropropane	9.08	63	31377	20.469	ug/l	99
46) Dibromomethane	9.17	93	18212	19.188	ug/l	97
47) Bromodichloromethane	9.37	83	38500	18.898	ug/l	100
48) Methyl methacrylate	9.17	41	31935	18.886	ug/l	98
49) 1,4-Dioxane	9.17	88	8621	449.148	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	215071	97.509	ug/l	100
52) Toluene	10.12	92	67065	19.405	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	43855	19.104	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	47747	19.674	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	25901	18.789	ug/l	99
56) Ethyl methacrylate	10.40	69	40104	18.511	ug/l	97
57) 1,3-Dichloropropane	10.68	76	47705	19.687	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	117157	104.993	ug/l	98
59) 2-Hexanone	10.72	43	153189	95.465	ug/l	100
60) Dibromochloromethane	10.87	129	26501	18.355	ug/l	99
61) 1,2-Dibromoethane	10.98	107	25516	18.467	ug/l	100
64) Tetrachloroethene	10.60	164	28288	18.268	ug/l	97
65) Chlorobenzene	11.41	112	67768	19.108	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	24666	19.432	ug/l	98
67) Ethyl Benzene	11.48	91	126982	19.126	ug/l	100
68) m/p-Xylenes	11.60	106	91941	37.834	ug/l	96
69) o-Xylene	11.92	106	43551	18.657	ug/l	97
70) Styrene	11.94	104	73189	18.733	ug/l	99
71) Bromoform	12.10	173	17594	18.859	ug/l #	99
73) Isopropylbenzene	12.22	105	119834	19.133	ug/l	99
74) N-amyl acetate	12.04	43	58642	18.490	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	38163	19.541	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	35099m	19.541	ug/l	
77) Bromobenzene	12.50	156	27825	19.245	ug/l	97
78) n-propylbenzene	12.57	91	144500	19.451	ug/l	100
79) 2-Chlorotoluene	12.65	91	85587	19.601	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	100895	19.464	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	13433	18.992	ug/l	98
82) 4-Chlorotoluene	12.75	91	90587	19.684	ug/l	98
83) tert-Butylbenzene	12.97	119	82199	18.806	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	100793	18.873	ug/l	100
85) sec-Butylbenzene	13.15	105	113024	18.966	ug/l	99
86) p-Isopropyltoluene	13.26	119	100881	18.789	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	51256	19.257	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	49906	18.351	ug/l	97
89) n-Butylbenzene	13.59	91	93449	18.985	ug/l	98
90) Hexachloroethane	13.85	117	9986	22.737	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	48391	18.961	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	7666	18.586	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	29104	18.727	ug/l	99
94) Hexachlorobutadiene	14.99	225	13678	21.068	ug/l	100
95) Naphthalene	15.10	128	85933	16.979	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	28708	18.710	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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